

# YASH MALIK

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## EDUCATION

**K.R. Mangalam University**

B.Tech - Computer Science and Engineering - SGPA: 8.15

08/2023 – 06/2027

Haryana, India

## COURSEWORK / SKILLS

- Machine Learning
- Deep Learning
- IoT
- NLP
- Data Structures & Algorithms
- Web Development

## PROJECTS

**Observe** | YOLOv5, SlowFast, Flask, OpenCV, Raspberry Pi, Cloud 02/2025

- Real-time object/action detection with AI overlays; works on cloud/Raspberry Pi with threat alerts.

**ADAMS** | Node.js, HTML, CSS, MySQL

03/2025

- Doctor management system with API/cron job notifications and appointment booking features.

## INTERNSHIP

**GRAS**tech

Jul 2024 – Aug 2024

Cybersecurity Intern

Noida, India

- Explored ethical hacking (Kali Linux) for password cracking, IP tracking, and web attacks.
- Built encryption-decryption project using public keys in a virtual environment.

## TECHNICAL SKILLS

- **Languages:** Python (numpy, pandas, scikit-learn, matplotlib, seaborn), C++, MySQL (Advanced)
- **Web Dev:** Flask, React (Intermediate), HTML, CSS, JavaScript, Google Cloud API
- **Cybersecurity:** Kali Linux, Encryption-Decryption, IP Tracking, Ethical Hacking, Virtual Machines
- **AI-ML:** Model Building (Intermediate), Speech Recognition, Action/Face/Object Detection

## EXTRACURRICULAR

**WINNER in Hack on Hills 6.0, NIT Hamirpur**

Apr 2025

Won 1st Prize - IoT Track

Hamirpur, India

- Developed Observe – an AI-powered multi-camera surveillance system.

## CERTIFICATIONS

- Cybersecurity Essentials - Cisco
- Hack on Hills 6.0 - IoT Track 1st Prize
- SEEK - UNESCO MGIEP
- HackKRMU 4.0 - Hackathon Participation
- DeepDataHack - Data Science Hackathon
- DBMS - NPTEL SWAYAM
- Machine Learning Using Python - NPTEL SWAYAM